1

2

2

3

4

.5

6

7

1

2

3

4

5

6

7

8

9

10

1

2

the assumed-movement pattern includes video data showing virtual poles arranged on the outer edge of the vehicle movement area.

9. (Amended) The driving-operation assist according to [any one of] claim[s] 6 [to 8] characterized in that

the synthetic-image generating means superimposes current-position lata serving as video data showing an area in which the vehicle is present, on the circumferential-state image to generate the synthetic image.

11. (Amended) The driving-operation assist according to [any one of] claim[s] 6 [to 10], characterized in that when actual driving operations corresponding to the above predetermined series of driving operations are started,

the synthetic-image generating means thereafter fixes the positional relation between the assumed movement pattern and the circumferential-state image at the point of time when the actual driving operations are started and generates the synthetic image.

14. (Amended) The driving-operation assist according to [any one of] claim[s] 6 [to 13], characterized in that

final-position inputting means for inputting a final position which is a position of the vehicle at end of the movement and start-position determining means for obtaining a start position which is a position at start of the movement corresponding to the input final position in accordance with the assumedmovement pattern are included, and

the synthetic-image generating means superimposes the input final position and the start position corresponding to the input final position on the circumferential-state image to generate the synthetic image.

16. (Amended) The driving-operation assist according to any one of claims 1 to [15]4, characterized in that

assumed-movement-pattern storing means is included which holds
data relating to the above predetermined series of driving operations and holds
F:\CLIENT\MTS\3200US\NPhasePAmend.doc

3 .

assumed-movement data including at least the assumed-movement pattern.

[or 17], characterized in that pattern correcting means is included which is able to update and correct the content of the assumed-movement pattern held in the assumed-movement-pattern storing means.

- 21. (Amended) The driving-operation assist according to [any one of] claim[s] 16 [to 20], characterized in that the assumed-movement data includes time-series data showing a relationship between a movement distance and a steering angle of the steering wheel of the vehicle.
- 23. (Amended) The driving-operation assist according to [any one of] claim[s] 11 [to 13 or claim 22], characterized in that operation-start detecting means is included which automatically detects that actual driving operations corresponding to the above predetermined series of driving operations are started through an input from a driver or a predetermined driving operation.
- 24. (Amended) The driving-operation assist according to [any one of] claim[s] 5 [to 23], characterized in that

when the viewpoint converting means changes the predetermined viewpoint, the viewpoint converting means fixes the predetermined viewpoint to the vehicle before the actual driving operations corresponding to the predetermined series of driving operations are started and changes the predetermined viewpoint to a point fixed to the three-dimensional space after the actual driving operations corresponding to the predetermined series of driving operations are started.

- 26. (Amended) The driving-operation assist according to any one of claims 1 to [5]4, characterized in that the assumed-movement pattern includes video data showing a circumscribed area on a space through which the vehicle passes when the predetermined series of driving operations are performed.
  - 29. (Amended) The driving-operation assist according to any one of

MTS-3200US

- claims 1 to [5]4, characterized in that the assumed-movement patterns respectively 2
- 3 include a change from backward movement to forward movement or from forward
- movement to backward movement in the predetermined series of driving

operations

1

2

3

1

30. (Amended) The driving-operation assist according to any one of claims 1 to [5]4, characterized in that obstacle inputting means is included which able to input a position of an obstacle area in an image to displaying means for displaying the synthetic image from a driver.

33\ (Amended) A recording medium characterized by storing a

- program of making a computer execute all of some of functions of each means of
- any one of claims 1 to [32]4. 3

34. (Newly Added) The driving-operation assist according to claim

- 12, characterized in that operation-start detecting means is included which
- automatically detects that actual driving operations corresponding to the above

predetermined series of driving operations are started through an input from a

driver or a predetermined driving operation.

35. (Newly Added) The driving-operation assist according to

AI ONCL- MTS-3200US

5

2 claim 13, characterized in that operation-start detecting means is included

3 which automatically detects that actual driving operations corresponding to the

4 above predetermined series of driving operations are started through an input

5 from a driver or a predetermined driving operation.

 $\frac{1}{2}$ 

3

4

36. (Newly Added) The driving-operation assist according to

claim 22, characterized in that operation-start detecting means is included

which automatically detects that actual driving operations corresponding to the

above predetermined series of driving operations are started through an input

5 from a driver or a predetermined driving operation.

Respectfully Submitted,

Allan Ratner, Reg. No. Jack L. Jankovitz, Reg.)

Attorneys for Applicants

JJJ/ap Suite 301 One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700

The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

EXPRESS MAIL Mailing Label Number:EL492447773US
Date of Deposit: June 6, 2000

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Kathleen Libby